



SAFETY DATA SHEET

Calcium acetate

Ref.50274/1.0/REG_EU/EN

Revision Date: 11.06.2013

Previous date: 11.06.2013

Print Date: 11.06.2013

1.1 Product information

Commercial Product Name

Chemical name: Calcium acetate

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture

Food additive, Preservative, Pharmaceutical, Active substance

Recommended restrictions on use

Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Niacet b.v.
P.O. Box 60
4000 AB Tiel
NETHERLANDS
Telephone+31344615224, Telefax. +31344611475
Tiel@Niacet.nl

Niacet Corporation
400 47th Street
Niagara Falls, NY
14304 USA
Telephone +1 716 285 1474 Telefax +1 716 285 1497
niacetsr@niacet.nl

1.4 Emergency telephone number

For Niacet b.v.Tiel, The Netherlands products: +31 344-615224

For Niacet Corporation, Niagara Falls, U.S.A. products: (800) 424 9300, (202) 483-7616

2.1 Classification of the substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labeling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labeled in accordance with EC directives or respective national laws.

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2.3 Other hazards

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	CAS-No. EINECS-No. / ELINCS No.	Concentration [%]
Calcium di(acetate)	62-54-4 200-540-9	<= 100

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Remove to fresh air. Keep patient warm and at rest. In case of feeling unwell consult a physician.

Skin contact

Rinse with water.

Eye contact

Rinse with plenty of water. If symptoms persist, call a physician.

Ingestion

Rinse mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : May cause mild irritation.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treatment : No information available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media : Water spray
Foam
Dry chemical
Carbon dioxide (CO₂)

Unsuitable extinguishing media : None.

5.2 Special hazards arising from the substance or mixture

No hazards to be specially mentioned.

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5.3 Special protective actions for fire-fighters

Standard equipment for firefighting.

5.4 Specific methods

The product is flammable but not readily ignited.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up

Take up mechanically and collect into suitable containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep container tightly closed. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place.

Materials for packaging

Suitable material: original container

Materials to avoid:

no data available

7.3 Specific end uses

Food additive, Pharmaceutical, Active substance, Preservative

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit Values

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2 Individual protection measures, such as personal protective equipment



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Hand protection

Glove material: PVC

Glove material: Rubber gloves

Eye protection

Tightly fitting safety goggles.

Skin and body protection

Work clothing.

Respiratory protection

Respirator must be worn if exposed to dust.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information (appearance, odour)

Physical state	solid, powder, granules
Colour	white
Odour	odourless

Important health safety and environmental information

pH	7 - 8 (1 %)
Flash point	no data available
Explosive properties:	
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	no data available
Density	1.500 kg/m ³ 440 - 700 kg/m ³ loose
Solubility(ies):	
Water solubility	353 kg/m ³ (25 °C)
Thermal decomposition	> 200 °C

9.2 Other data

10 STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.



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10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : Stable under recommended storage conditions.

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Thermal decomposition : >200 °C

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50/Oral/rat: 4.280 mg/kg

Irritation and corrosion

Skin:

Not classified as irritating for skin.

Eyes:

Not classified as irritating for eyes.

Sensitisation

no data available

Long term toxicity

Other information

no data available

Human experience

Inhalation

Exposure to dust at high concentrations.,

May cause irritation of the mucous membranes. May cause irritation of respiratory tract.

Skin contact

Repeated or prolonged exposure,



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May cause mild irritation.
Eye contact
May cause mild irritation.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

Aquatic toxicity

no data available

Toxicity to other organisms

no data available

12.2 Persistence and degradability

Biological degradability:

Readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility

Water solubility: 353 kg/m³ (25 °C)

Water soluble. Stays in water phase. non-volatile

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose of in compliance with local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number



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Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class : WGK 1 slightly water endangering
(Germany)

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

16. OTHER INFORMATION

Training advice

Read the safety data sheet before using the product.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

Additions, Deletions, Revisions

Relevant changes have been marked with vertical lines.